

Analisis Faktor-Faktor yang mempengaruhi produksi telur puyuh (Studi Kasus pada Usaha Peternakan Puyuh di Desa Ditrotunan, Kecamatan Lumajang, Kabupaten Lumajang) : The Analysis Factors That Influence the Quail's Egg Productivity (A Case Study of Quail's Aviculture Mr. H. Yuvi Arif Kusuma in Ditrotunan Village, Lumajang Regency).

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ABSTRACT

The objective of this research was to know the productivity factors of quail's egg in quail aviculture's Mr. H. Yuvi Arif Kusuma and the productivity development of quail's aviculture. This research used case study method. The analysis model that used was descriptive quantitative analysis. This research was done on January up to July 2016 in quail's aviculture of Mr. H. Yuvi Arif Kusuma in Ditrotunan, Lumajang Regency. The results of data analysis showed that the productivity factors that had an effect on quail's egg productivity was Mortalities (X_3), hen day (X_5), variable cost (X_6). Whereas the productivity factors that had not an effect on quail's egg productivity was age, density, the egg's price and feed consumption. The result of F examination showed that $F_{\text{hitung}} > F_{\text{tabel}(1\%)}$ ($12,737 > 3,59$) it means that the most real influential to production variable of quail's egg is independent variable (age, density, mortality, egg price, henday, variable cost and feed consumption). The determination coefficient 80.2%, whereas the rest 19,8% influenced by factor outside the factors (variable) that had researched.

Keywords: *Quail, eggs quail, production factors, multiple linier regression analysis.*